It is now possible to construct meso-scale films made entirely from semiconducting carbon nanotubes. These films are exciting materials for next generation photovoltaics and electronics. We are studying their exciton transport properties using femtosecond 2D White-Light spectroscopy that maps the photoexcitation dynamics as the energy moves through the film. We observe exciton hopping, exciton dissociation, and anti-correlated energy levels, which have important implications for their use in optoelectronics.